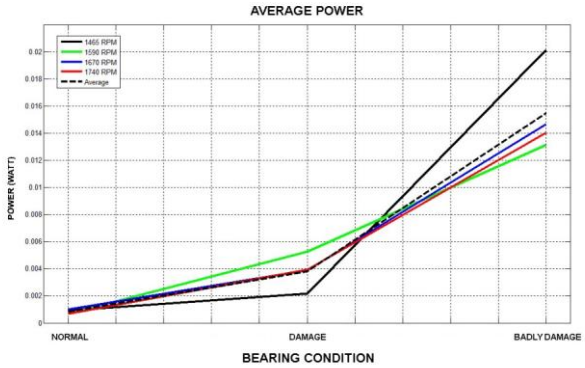
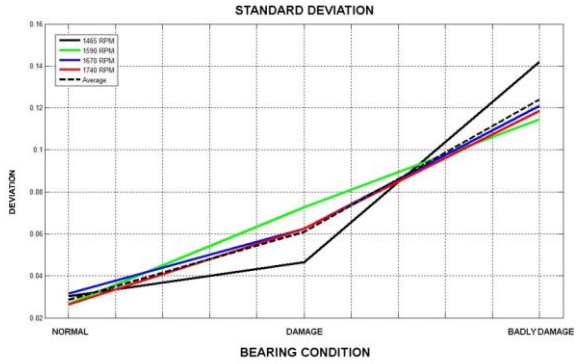


(a)



(b)

Fig.6. Average Power and Standard Deviation

IV. CONCLUSIONS

Time domain analysis can be used as a fast way to investigate the bearing conditions. Bearing damage level can be determined based on the characteristics of the high frequency sound. Greater average power and standard deviation indicate that the bearing getting damaged.

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